

PIEZOELECTRIC ACTUATOR

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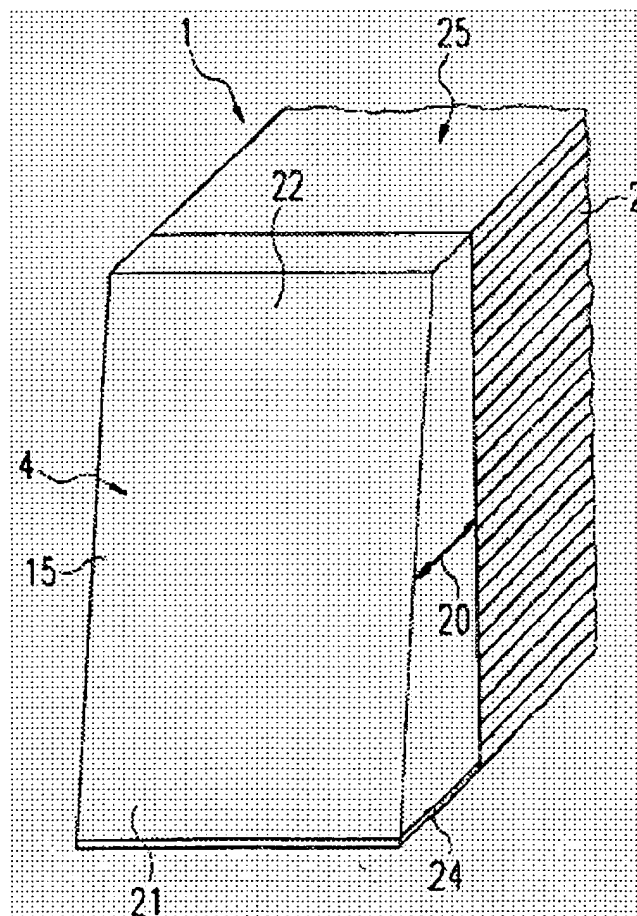
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Abstract of WO0057497

The invention relates to a piezoelectric actuator (1) comprising a plurality of plates (2) made of a piezoelectric material, which are disposed in such a way that they form a stack (25) in the direction of stacking, a plurality of flat inner electrodes (5, 6), alternately disposed with the plates (2) made of piezoelectric material and at least two outer electrodes (3, 4) placed on the outer side of the stack along the direction of stacking, wherein the inner electrodes (5, 6) are alternately connected to one of the outer electrodes (3, 4) by means of a contact area. According to the invention, the outer electrodes (3, 4) are placed in the form of a coating made of an elastic, electrically conductive polymeric material (15) on the outer side of the stack (25).



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